

In the Claims:

1-16. (Canceled)

17. (Previously Presented) An antenna, comprising:
a rectangular ground plane;
a rectangular conductor loop overlying the ground plane and having a side substantially aligned with an edge of the rectangular ground plane; and
a monopole comprising a substantially linear conductor that extends substantially perpendicular to the edge of the ground plane from a coupling point at a corner of the rectangular conductor loop at the edge of the ground plane,
wherein the conductor loop has dimensions of about 18 mm by about 8 mm, has a longer side thereof substantially aligned with the edge of the ground plane, and is separated from the ground plane by a distance in a frequency range from about 5 mm to about 10 mm;
and
wherein the monopole has a length of about 36 mm.

18. (Original) An antenna according to Claim 17, wherein the ground plane comprises a substantially rectangular ground plane having a length greater than about 110 mm and a width greater than about 40 mm.

19. (Canceled)

20. (Previously Presented) A radio communications device, comprising:
a frame;
a radio communications circuit supported by the frame;
a conductive ground plane disposed on a substrate supported by the frame;
a conductor loop supported by the frame and overlying the ground plane; and
a monopole supported by the frame and extending off the ground plane from a
location overlying the ground plane,
wherein the monopole and the conductor loop are configured to be commonly coupled
to the radio communications circuit at a common feedpoint.
21. (Original) A device according to Claim 20, wherein the conductor loop has a
reflective feature therein.
22. (Original) A device according to Claim 21, wherein the reflective feature
comprises a corner.
23. (Original) A device according to Claim 22, wherein the conductor loop is
rectangular.
24. (Original) A device according to Claim 23, wherein the conductor loop is
substantially parallel to the ground plane.
25. (Original) A device according to Claim 23, wherein the monopole is
substantially parallel to the conductor loop.
26. (Original) A device according to Claim 23, wherein the monopole is coupled
to the conductor loop at a corner thereof.

27. (Original) A device according to Claim 23, wherein the ground plane, the conductor loop and the monopole are configured to provide a voltage standing wave ratio (VSWR) less than about 3 over a frequency range from about 1.5 GHz to about 2.5 GHz.

28. (Original) A device according to Claim 23, wherein the conductor loop is positioned adjacent an edge of the ground plane, and wherein the monopole extends off the edge of the ground plane.

29. (Original) A device according to Claim 23, wherein the ground plane is disposed on a printed circuit substrate, and wherein the common feedpoint comprises a pad on a printed circuit substrate.

30. (Original) A device according to Claim 23, further comprising a helical element arranged coaxial with the monopole and coupled to the common feedpoint.

31. (Original) A device according to Claim 30, wherein the ground plane, the conductor loop, the monopole and the helical element are configured to provide a voltage standing wave ratio (VSWR) less than about 3 over a frequency range from about 1.5 GHz to about 2.5 GHz and a VSWR less than 3 over a frequency range from about 800 MHz to about 900 MHz.

32. (Original) A device according to Claim 30:
wherein the ground plane comprises a rectangular ground plane;
wherein the conductor loop comprises a rectangular conductor loop having a side substantially aligned with a shorter side of the rectangular ground plane; and
wherein the monopole comprises a substantially linear conductor that extends substantially perpendicular to the edge of the ground plane from a coupling point at a corner of the rectangular conductor loop at the edge of the ground plane.

33. (Original) A device according to Claim 32:

wherein the conductor loop has dimensions of about 18 mm by about 8 mm, has a longer side thereof substantially aligned with the edge of the ground plane, and is separated from the ground plane by a distance in a frequency range from about 5 mm to about 10 mm; and

wherein the monopole has a length of about 36 mm.

34. (Original) A device according to Claim 32, wherein the ground plane comprises a substantially rectangular ground plane having a length greater than about 110 mm and a width greater than about 40 mm.

35. (Previously Presented) A device according to Claim 30, wherein the frame comprises a clamshell housing having first and second rotatably attached portions, wherein the ground plane comprises electrically coupled first and second portions disposed in respective ones of the first and second housing portions.

36. (Original) A device according to Claim 35, wherein the first and second housing portions are mechanically joined by a hinge, and wherein the monopole and the helical element are positioned between the first and second housing portions and are aligned substantially parallel to an axis of rotation of the hinge.

37. (Original) A device according to Claim 35, wherein the monopole comprises a retractable monopole configured to extend and retract through the helical element and configured to connect to the common feedpoint in an extended position.

38. (Original) A device according to Claim 37, wherein the helical element is configured to disconnect from the common feedpoint when the retractable monopole is in the extended position and configured to connect to the common feedpoint to the common feedpoint when the retractable monopole is in a retracted position.

39. (Currently Amended) A mobile terminal, comprising:
a frame;
a radio communications circuit supported by the frame;
a ground plane supported by the frame; and
an antenna electrically coupled to the radio communications circuit, attached to the frame and comprising commonly fed conductor loop, monopole and helical elements, wherein the monopole element is positioned within the helical element along an axis of the helical element and wherein the conductor loop element is positioned overlying the ground plane.

40. (Original) A mobile terminal according to Claim 39, wherein the conductor loop element has a reflective feature therein.

41. (Original) A mobile terminal according to Claim 40, wherein the conductor loop element comprises a rectangular conductor loop.

42. (Canceled)

43. (Currently Amended) A mobile terminal according to Claim ~~[[42]]~~ 39, wherein the ground plane, the conductor loop element, the monopole element and the helical element are configured to provide a voltage standing wave ratio (VSWR) less than about 3 over a frequency range from about 1.5 GHz to about 2.5 GHz and a VSWR less than 3 over a frequency range from about 800 MHz to about 900 MHz.